

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 1633 | @ad<="20030930" and (257/79-80).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/23 06:35 |
| L2 | 1826 | @ad<="20030930" and (385/130-131).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/23 06:35 |
| L3 | 862 | @ad<="20030930" and (257/96-97).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/23 06:35 |
| L4 | 1867 | @ad<="20030930" and (257/98).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/23 06:35 |
| L5 | 1005 | @ad<="20030930" and (257/88-89).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/23 06:36 |
| L6 | 194 | @ad<="20030930" and (257/93).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/23 06:36 |
| L7 | 1252 | @ad<="20030930" and (257/94-95).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/23 06:36 |
| L8 | 876 | @ad<="20030930" and (372/108).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/23 06:36 |
| L9 | 1364 | @ad<="20030930" and (372/96).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/23 06:36 |
| L10 | 2267 | @ad<="20030930" and (372/46).ccls. or (372/45).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/23 06:36 |
| S1 | 14 | @ad<="20030930" and 'light emitting device' and 'mesoporous' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 08:26 |

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| S2 | 0 | @ad<="20030930" and 'light emitting device' and 'periodic porous' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:47 |
| S3 | 498 | @ad<="20030930" and 'light emitting device' and 'rohm' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:51 |
| S4 | 39 | @ad<="20030930" and 'light emitting device' and 'rohm' and 'inorganic' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:55 |
| S5 | 1 | @ad<="20030930" and 'light emitting device' and 'rohm' and 'inorganic insulating' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 13:52 |
| S6 | 12 | @ad<="20030930" and 'light emitting diode' same 'inorganic' same 'protective' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:28 |
| S7 | 30 | @ad<="20030930" and 'light emitting device' same 'inorganic' same 'protective' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:01 |
| S8 | 32 | @ad<="20030930" and 'light emitting device' and 'clad layer' and 'active layer' and 'inorganic' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:02 |
| S10 | 171 | @ad<="20030930" and 'light emitting device' and 'clad layer' and 'active layer' and 'mesa' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 08:37 |
| S11 | 4 | @ad<="20030930" and 'light emitting device' and 'clad layer' and 'active layer' and 'low k' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:11 |
| S12 | 4 | @ad<="20030930" and 'laser' and 'clad layer' and 'active layer' and 'low k' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:11 |
| S13 | 11 | @ad<="20030930" and 'laser' and 'clad' and 'active' and 'low k' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:28 |

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| S14 | 54 | @ad<="20030930" and 'laser' and 'clad' and 'active' and 'low dielectric' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:18 |
| S15 | 33 | @ad<="20030930" and 'semiconductor laser' and 'inorganic protective' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:25 |
| S16 | 82 | @ad<="20030930" and 'semiconductor laser' and 'inorganic' with 'porous' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:35 |
| S17 | 773 | @ad<="20030930" and 'LED' and 'inorganic' with 'porous' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 16:11 |
| S18 | 2 | @ad<="20030930" and 'led' and 'clad' and 'active' and 'inorganic' with 'porous' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:42 |
| S19 | 67 | @ad<="20030930" and 'inorganic' with 'mesoporous silica' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 10:04 |
| S20 | 0 | @ad<="20030930" and 'semiconductor laser' with 'mesoporous silica' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:39 |
| S21 | 0 | @ad<="20030930" and 'semiconductor laser' same 'mesoporous silica' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:39 |
| S22 | 4 | @ad<="20030930" and 'semiconductor laser' and 'mesoporous silica' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 12:34 |
| S23 | 1 | "20020018610".PN. | US-PGPUB | OR | ON | 2005/02/14 14:40 |
| S24 | 1 | "6538801".PN. | USPAT; USOCR | OR | ON | 2005/02/14 14:40 |
| S25 | 56 | @ad<="20030930" and 'inorganic' with 'vacancy' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:50 |

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| S26 | 14 | @ad<="20030930" and 'inorganic' same 'dielectric' same 'vacancy' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/14 14:50 |
| S27 | 5 | @ad<="20030930" and 'mesa' and 'n-type clad' and 'active' and 'p-type clad' and 'inorganic' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 10:51 |
| S28 | 1554 | @ad<="20030930" and (257/79-80).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/23 06:35 |
| S29 | 1772 | @ad<="20030930" and (385/130-131).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/23 06:35 |
| S30 | 1 | "20030146440".PN. | US-PGPUB | OR | ON | 2005/02/15 08:39 |
| S31 | 1 | "20030146440".PN. | US-PGPUB | OR | ON | 2005/02/15 08:39 |
| S32 | 1 | "6546034".PN. | USPAT; USOCR | OR | ON | 2005/02/15 08:40 |
| S33 | 1 | "6141363".PN. | USPAT; USOCR | OR | ON | 2005/02/15 08:42 |
| S34 | 835 | @ad<="20030930" and (257/96-97).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/23 06:35 |
| S35 | 1791 | @ad<="20030930" and (257/98).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/23 06:35 |
| S36 | 320 | @ad<="20030930" and (257/86-87).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 08:44 |
| S37 | 956 | @ad<="20030930" and (257/88-89).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/23 06:36 |
| S38 | 189 | @ad<="20030930" and (257/93).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/23 06:36 |
| S39 | 1222 | @ad<="20030930" and (257/94-95).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/23 06:36 |

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| S40 | 10 | @ad<="20030930" and 'mesa' and 'n-type' with 'p-type' with 'cladding' and 'active' and 'inorganic' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 08:46 |
| S41 | 1338 | @ad<="20030930" and (372/96).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/23 06:36 |
| S42 | 869 | @ad<="20030930" and (372/108).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/23 06:36 |
| S43 | 5757 | @ad<="20030930" and (372/46).ccls. or (372/45).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/23 06:36 |
| S45 | 47 | oku.in. and 'rohm' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:13 |
| S46 | 1 | "5998819".PN. | USPAT; USOCR | OR | ON | 2005/02/15 09:33 |
| S47 | 2 | 'ep 1094506' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 09:42 |
| S48 | 2 | 'ep 1124252' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 09:46 |
| S49 | 2 | ("5021260").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/15 09:44 |
| S50 | 2 | 'jp 2001118841' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 09:48 |
| S51 | 2 | 'jp 2002217190' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 09:49 |

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| S52 | 21 | '0175957' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 09:51 |
| S53 | 2 | 'JP 2001351911' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 09:57 |
| S54 | 4 | ("5405805").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/15 09:53 |
| S55 | 26 | @ad<="20030930" and 'mesoporous silica' same '50%' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 10:08 |
| S56 | 6 | @ad<="20030930" and 'mesoporous silica' with '50%' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 10:05 |
| S57 | 11 | @ad<="20030930" and 'dielectric' and 'porous silica' same '50%' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 10:12 |
| S58 | 32 | @ad<="20030930" and 'dielectric' and 'mesoporous' same '50%' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 11:27 |
| S59 | 24 | @ad<="20030930" and 'dielectric' same 'mesoporous' same '50%' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 10:19 |
| S60 | 38 | @ad<="20030930" and 'mesa' and 'n-type clad' and 'active' and 'p-type clad' and 'insulating' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 10:52 |
| S61 | 23 | @ad<="20030930" and 'mesa' and 'n-type clad' and 'active' and 'p-type clad' and 'dielectric' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 10:56 |
| S62 | 19 | @ad<="20020930" and 'mesa' and 'n-type clad' and 'active' and 'p-type clad' and 'dielectric' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 10:56 |

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| S63 | 3 | ("6693286").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/15 11:26 |
| S64 | 32 | @ad<="20030930" and 'dielectric' same 'porous' same 'parallel' same 'adjacent' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 11:57 |
| S65 | 4 | ("5621260").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/15 11:57 |
| S66 | 4 | @ad<="20030930" and 'semiconductor laser' same 'porous silica' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 12:35 |
| S67 | 85 | @ad<="20030930" and 'laser' same 'porous silica' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 12:36 |
| S68 | 0 | @ad<="20030930" and 'optical laser' same 'porous silica' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 12:36 |
| S69 | 0 | @ad<="20030930" and 'light emission' same 'porous silica' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 12:36 |
| S70 | 22 | @ad<="20030930" and 'light emission' same 'low dielectric' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 12:45 |
| S71 | 9 | @ad<="20030930" and 'semiconductor laser' same 'low dielectric' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 12:43 |
| S72 | 1 | @ad<="20030930" and 'semiconductor laser' same 'low k' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:32 |
| S74 | 69 | ponnekanti.in. and 'applied' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:13 |

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| S75 | 60 | ponnekanti.in. and 'applied materials' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:14 |
| S76 | 8 | ponnekanti.in. and 'low dielectric' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:14 |
| S77 | 9 | @ad<="20030930" and 'CTAB' same 'TMOS' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:35 |
| S78 | 42 | @ad<="20030930" and 'CTAB' and 'TEOS' and '50%' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:37 |
| S79 | 0 | @ad<="20030930" and 'CTAB' same 'TEOS' same '50%' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:36 |
| S80 | 5 | @ad<="20030930" and 'CTAB' and 'TEOS' and 'porous' with '50%' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 14:37 |
| S81 | 7 | @ad<="20030930" and 'dielectric' same 'periodic porous' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 16:13 |
| S82 | 3 | @ad<="20030930" and 'low dielectric' same 'periodic porous' | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/15 16:13 |